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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY. DOCKET NO. RCA 89762		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 (Use several sheets if necessary)					APPLICANT Edward Allen Hall et al.			
					FILING DATE		GROUP	
U.S. PATENT DOCUMENTS								
EXAMINE INITIAL		DOCUMENT NUMBER	ISSUE DATE	APPLICANT/PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	AA	5678211	10/1997	Badger	455	191.1		
	AB	4510623	4/1985	Bonneau et al.	455	181		
	AC	5737035	4/1998	Rotzoll	348	725		
	AD	6075570	6/2000	Usui et al.	348	569		
	AE	5898398	4/1999	Kumai	341	176		
	AF	5898608	4/1999	Yokoyama et al.	702	107		
	AG	5828266	10/1998	Couet	329	325		
	AH	6035185	3/2000	Dobrovolny et al.	455	266		
	AI	5724546	3/1998	Tsutsui	395	444		
	AJ	5561461	10/1996	Landis et al.	348	725		
	AK	5488711	1/1996	Hewitt et al.	395	430		
	AL	5371709	12/1994	Fisher et al.	365	226		
	AM	5115316	5/1992	Gurley et al.	358	188		
	AN	5020139	5/1991	Keenan	455	151		
	AO	4926264	5/1990	Ohno et al.	358	349		
	AP	4914517	4/1990	Duffield	358	191.1		
	AQ	4768229	8/1988	Benjamin et al.	380	20		
	AR	4737993	4/1988	DeVilbiss	455	180		
	AS	5204645	4/1993	Hohmann (see ref. AU)	334	1		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION Yes No	
	AT	0389183	9/1990	EP	H03J	5/02		
	AU	0457932	11/1991	EP (see ref. AS)	H03J	5/24	X	
OTHER INFORMATION (Including Author, Title, Pub.Date, Pertinent Pages, Country, Etc.)								
	AV	Y. Deville, "An Automatic TV Tuner Alignment System", IEEE Transactions on Consumer Electronics, US, IEEE, Inc. New York, vol. 41, no. 4, 1 November 1995, pgs 1050-1060						
	AW	Motorola, MC44864, Advance Information PLL TUNING CIRCUIT WITH 1. GHz PRESCALER AND D/A CONVERTERS FOR AUTOMATIC TUNER ALIGNMENT, 1996, pgs. 1-12						
EXAMINER					DATE CONSIDERED			
SUBMITTED BY: KUNIYUKI AKIYAMA					REG.NO.: 43,314		DATE: Feb 22, 2002	
*Copy of search report attached								